

IN THE CLAIMS

Please amend the claims as indicated below. This listing of claims replaces all prior versions.

42. (currently amended) An electronic device having a device type that is one of a plurality of device types, the device comprising:

(a) non-volatile memory means for storing operational data utilized during operation of the electronic device;

(b) receiver means for receiving a data object externally from the electronic device, the data object including data associated with a plurality of device types;

(c) installation means for installing in the memory means only data from the data object that is associated with the device type of the electronic device and retrieving from the data object an installation routine, wherein the installation routine is provided with pointers to utilities resident on the electronic device for executing the installation routine; and

(d) download processing means having a download processing ~~routing~~ routine, the download processing routine executing the installation routine to store into the non-volatile memory means of the electronic device only the data associated with the ~~indicated~~ device types.

43. (currently amended) The electronic device of claim 42, wherein the data in the data object is selected from ~~[[the]]~~ a group consisting of program code, device parameters, and combinations thereof.

44. (previously presented) The electronic device of claim 42, wherein the plurality of device types represent different electronic products having different functionality but which share an identical hardware platform.

45. (currently amended) The electronic device of claim 42, wherein the electronic device is a disk drive including ~~[[the]]~~ a data buffer for temporarily storing the data object, wherein the installation means comprises a controller.

46. (currently amended) A disk drive, comprising:
- (a) a data buffer for receiving a download entity, the download entity including data in a device type table associated with a device type for each of a plurality of types of disk drives;
 - (b) a non-volatile memory for storing operational data associated with the disk drive;
- and
- (c) a first controller, coupled to the data buffer, the first controller
 - (1) determining a type for the disk drive,
 - (2) retrieving from the download entity only the data associated with the determined type for the disk drive, the retrieving further comprising:
 - (i) retrieving from the download entity an installation routine, wherein the installation routine is provided with pointers to utilities resident on the electronic device for executing the installation routine; and
 - (ii) executing the installation routine by the electronic device to build a data image in the data image block of the download entity from the data in the device type table that is associated with the determined type for the disk drive and to store into non-volatile memory of the electronic device only the data associated with the indicated device type;
- wherein retrieving and executing are performed at least in part by a download processing routine resident in the electronic device,
- (3) storing the data associated with the determined type for the disk drive in the non-volatile memory, and
 - (4) resetting the data buffer to clear the data buffer.

47. (currently amended) The disk drive of claim 46, wherein the data in the download entity is selected from ~~[[the]]~~ a group consisting of program code, device parameters, and combinations thereof.

48. (previously presented) The disk drive of claim 46, wherein the disk drive further comprises a second controller, coupled to the first controller, the second controller having a random access memory for storing servo parameters from the download entity that characterize the disk drive.

49. (currently amended) An apparatus, comprising:

(a) an array of direct access storage devices, each of which having a device type and a non-volatile memory for storing operational data utilized in the operation thereof; and

(b) an array controller controlling the array of direct access storage devices, the array controller providing a generic download entity to a data buffer of a plurality of the direct access storage devices to update the memories thereof, the generic download entity including in a device type table operational data associated with a device type for each of a plurality of device types;

wherein each direct access storage device having a device controller, the device controller stores in the non-volatile memory of each of the plurality of direct access storage devices only operational data from the download entity that is associated with a respective device type for a direct access storage device and discards the operational data not associated with a respective device type for a direct access storage device, the device controller storing only operational data from the download entity that is associated with a respective device type for a direct access storage device by determining a type for the direct access storage device, retrieving from the generic download entity an installation routine, wherein the installation routine is provided with pointers to utilities for executing the installation routine, the device controller executing the installation routine to build a data image in a data image block of the download entity from the data in the device type table that is associated with the determined type for the direct access storage device and to store into non-volatile memory of the direct access storage device only the data associated with the indicated device type, wherein retrieving and executing are performed at least in part by a download processing routine resident in the direct access storage device and wherein the device controller resets the data buffer to clear the data buffer.

50. (currently amended) The apparatus of claim 49, wherein the operational data in the download entity is selected from [[the]] a group consisting of program code, device parameters, and combinations thereof.

51. (previously presented) The apparatus of claim 49, wherein the download entity includes an installation routine, wherein each of the plurality of direct access storage devices executes the installation routine to store in the non-volatile memory only the operational data in the data buffer that is associated with its respective device type.

52. (previously presented) A download entity for downloading to an electronic device having a device type that is one of a plurality of device types, the download entity comprising:

(a) a block of data, the data block having portions in a device type table associated with each of the plurality of device types; and

(b) an installation routine, executed by the electronic device, the installation routine retrieving only the portion of the data in the download entity that is associated with the device type of the electronic device and discarding the data in the download entity not associated with the device type of the electronic device, wherein the installation routine being provided with pointers to utilities resident on the electronic device for executing the installation routine, wherein retrieving and executing are performed at least in part by a download processing routine resident in the electronic device, the download processing routine executing the installation routine to build a data image from data in the device type table that is associated with a determined type for the electronic device and to store into non-volatile memory of the electronic device only the data associated with the indicated device type.

53. (previously presented) A program storage device readable by an electronic device, the program storage device tangibly embodying the download entity of claim 52.